



National Weather Service

Storm Data and Unusual Weather Phenomena



January 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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OHIO, North

OHZ003-006>009-017>018 Lucas - Wood - Ottawa - Sandusky - Erie - Hancock - Seneca

04	1300EST	0	0	1.1M	Winter Storm
05	0500EST				

An area of low pressure moved up the Ohio Valley spreading mixed precipitation across Northwest Ohio. The precipitation began as rain but quickly changed to freezing rain and sleet during the afternoon hours. The precipitation changed to snow during the evening hours with accumulations of 4 to 5 inches reported in Lucas and Wood counties by early morning. Snow accumulations further south and east were generally 1 to 3 inches. Some ice accumulation was also reported across the area. Many accidents and significant travel delays resulted from this storm.

OHZ038

Holmes

04	2000EST	0	0	250K	Flood
07	1100EST				

Nearly two inches of rain fell on Holmes County on the 3rd and 4th of January. Widespread lowland flooding occurred across the county during the following days. Killbuck Creek went into flood during the early morning hours of the 5th and remained in flood until midday on January 7th. The creek crested at 16.5 feet during the afternoon of the 5th. Several homes along and near the creek were damaged by flooding. Many roads had to be closed in the county, including State Route 60 both north and south of Killbuck.

OHZ032

Stark

04	2300EST	0	0	250K	Flood
06	0600EST				

Nearly two inches of rain fell on portions of Wayne County on the 3rd and 4th of January. Officially, 1.46 inches fell at the Wayne County Airport with 1.61 inches at the Ohio Agricultural Experimental Station. Widespread stream and lowland flooding occurred across the county beginning late in the evening on January 4th. Three homes along Prairie Lane in Wooster had to be evacuated because of flooding on the 5th. Flood waters in this area were reported to be as much as four feet deep. Many roads across the county were closed because of flooding. State Route 302 just southwest of Wooster was closed for over a day.

OHZ032

Stark

05	0200EST	0	0	200K	Flood
06	2200EST				

Nearly two inches of rain fell on portions of Stark County on the 3rd and 4th of January. Officially, 1.52 inches of rain fell at the Akron-Canton Airport on those days. Widespread stream and lowland flooding occurred in the county on the 5th and 6th. Sandy Creek left its banks in the southern part of the county causing minor damage to a couple homes. Other homes in the Navarre and Minerva areas also sustained minor flood damage. Several roads in the county had to be closed because of flooding.

OHZ012>014

Lake - Geauga - Ashtabula

06	0300EST	0	0	1.1M	Heavy Snow
08	0800EST				

Very cold westerly winds blowing across Lake Erie caused lake effect snow showers to develop during the early morning hours of January 6th. This activity intensified during the late afternoon and evening hours of the 6th and finally tapered off around daybreak on the 8th. Snowfall totals for this event ranged from 8 to 12 inches over much of Lake County to two to three feet in portions of Geauga and Ashtabula Counties. A maximum of 36 inches was reported in Montville Township (Gauga County). Over two feet of snow fell on portions of Interstate 90 in Ashtabula County. Westerly winds gusting to over 30 mph accompanied the snow and caused whiteout conditions and drifts over ten feet tall. Travel was nearly impossible during the peak of the storm and hundreds of accidents were reported.



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OHIO, North

OHZ012>014

Lake - Geauga - Ashtabula

14	0800EST	0	0	650K	Winter Storm
15	1400EST				

An area of low pressure over lower Michigan moved southeast across Ohio and into southwestern Pennsylvania on January 14th and 15th. A band of moderate to heavy snow developed to the north of the low as it moved through the region. This band of snow was enhanced by Lake Erie as it moved over the northeastern corner of Ohio. Total accumulations in this area ranged from 6 to 8 inches with the heaviest snow falling during the afternoon and evening hours of the 14th. Travel was hampered by this event and dozens of accidents were reported.

OHZ013

Gauga

19	0200EST	0	0	100K	Heavy Snow
	2200EST				

Cold northwest winds blowing across Lake Erie caused lake effect snow showers to develop early on the 19th. This activity persisted into the evening hours of the 19th and then dissipated. Accumulations ranged from 6 to 8 inches in northern Geauga County with lesser amounts to the south. Many accidents were reported.

OHZ017-027>030-
036>038-047

Hancock - Wyandot - Crawford - Richland - Ashland - Marion - Morrow - Holmes - Knox

25	1800EST	0	0	3.0M	Winter Storm
26	2300EST				

Low pressure over the southern plains moved northeast across Ohio. Snow associated with this low spread into northern Ohio during the evening hours of the 26th. Light freezing rain began to mix with the snow during the early morning hours of the 27th. This light mixture continued through the middle part of the day. Snow accumulations through noon on the 27th ranged from 3 to 5 inches with the greatest amounts along and just south of U.S. Route 30. The precipitation intensified during the late afternoon hours with moderate to heavy freezing rain falling for around 90 minutes. Some sleet was also reported during this period. Ice accumulations of up to one half inch resulted from this period of heavy precipitation. This created extremely treacherous driving conditions and resulted in hundreds of accidents. Many downed power lines were also reported. The freezing rain diminished in intensity during the evening hours and finally ended just before midnight.

OHZ003-006>007

Lucas - Wood - Ottawa

26	1900EST	0	0	1M	Winter Storm
27	1200EST				

An area of low pressure moved across Northwest Ohio early on January 27th and moved over the west end of Lake Erie during the middle part of the morning. Freezing rain associated with the low began during the evening of the 26th and continued into the 27th. Some snow mixed with the freezing rain beginning during the early morning hours. The precipitation tapered off around midday. Ice accumulations of at least one quarter inch along with one or two inches of snow were reported across much of Lucas, Wood and Ottawa counties. Many accidents resulted from this event. There were also a few reports of downed power lines.

PENNSYLVANIA, Northwest

PAZ001>003

Northern Erie - Southern Erie - Crawford

06	0300EST	0	0	1.1M	Heavy Snow
08	1200EST				

Very cold westerly winds blowing across Lake Erie caused lake effect snow showers to develop during the early morning hours of January 6th. This activity intensified during the late afternoon and evening hours of the 6th and finally tapered off around midday on the 8th. Snowfall totals for this event in Erie County ranged from 8 to 18 inches near Lake Erie to over two feet across inland sections of the county. Officially, 17.0 inches of snow fell at Erie International Airport with a maximum of 31.5 inches reported at Hatch Hollow. Observers in Edinboro and Corry also measured over two feet of snow. In Crawford County, significant snow



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		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	

PENNSYLVANIA, Northwest

accumulation was reported mainly across the northern third of the county. A maximum of 20 inches was measured at Cambridge Springs with 8 inches at Sagertown. Westerly winds gusting to over 30 mph accompanied the snow and caused whiteout conditions and drifts over ten feet tall. Travel was nearly impossible during the peak of the storm and hundreds of accidents were reported.

PAZ001>003

Northern Erie - Southern Erie - Crawford

14	0900EST	0	0	900K	Winter Storm
15	1400EST				

An area of low pressure over lower Michigan moved southeast across Ohio and into southwestern Pennsylvania on January 14th and 15th. A band of moderate to heavy snow developed to the north of the low as it moved through the region. This band of snow was enhanced by Lake Erie as it moved over the northwestern corner of Pennsylvania. Total accumulations in Erie and Crawford Counties ranged from 6 to 10 inches most areas with the heaviest snow falling during the afternoon and evening hours of the 14th. A maximum of 13.1 inches of snow was measured in northeastern Crawford County with 9.7 inches officially recorded at Erie International Airport. Travel was severely hampered by this event and dozens of accidents were reported.

PAZ002>003

Southern Erie - Crawford

19	0100EST	0	0	500K	Heavy Snow
20	1400EST				

Cold northwest winds blowing across Lake Erie caused lake effect snow showers to develop early on the 19th. This activity persisted into the evening hours of the 19th and then dissipated. Accumulations on the 19th ranged from 6 to 10 inches. Just after midnight on the 20th, an intense band of snow redeveloped over southern Erie and northern Crawford counties. Thunder and lightning were observed with this band and snowfall rates exceeded three inches per hour at times. The band moved slowly west during the predawn hours. Accumulations from midnight to daybreak on the 20th ranged from 8 to 14 inches over much of southern Erie and northern Crawford counties. The snow finally tapered off during the afternoon hours after several more inches of accumulation. Some locations saw nearly two feet of snow during this two day event. Travel was severely hampered by this storm and dozens of accidents were reported.

PAZ001>003

Northern Erie - Southern Erie - Crawford

27	0300EST	0	0	800K	Winter Storm
	1800EST				

An area of low pressure moved across Ohio and Lake Erie on the morning of January 27th. Freezing rain associated with this low began in northwest Pennsylvania by the early morning hours of the 27th and continued through the middle part of the day. The precipitation mixed with and then changed completely to snow during the afternoon hours. The precipitation finally tapered off during the evening. Ice accumulations greater than one quarter inch along with 1 to 3 inches of snow fell during this event. Many accidents were reported. A few power lines were also downed.